

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) A printed, reduced odor packaging material having an interior surface and an exterior surface, the packaging material comprising:
 - (a) a substrate layer having a uniform thickness;
 - (b) a printable layer formed on the exterior of the substrate layer, the printable layer comprising a print residue from the printing process; and
 - (c) a reactive composition, the composition comprising a bisulfite, a hydrazone, a hydrazine, a triazine, a triazole, an imidazoline, or a semicarbazide, capable of reacting with a volatile organic carbonyl compound arising from the residue, to substantially reduce release of the carbonyl compound from the packaging material.
2. (Original) The packaging material of claim 1 wherein the substrate comprises a paper or paperboard substrate layer and the printable layer comprises a clay layer.
3. (Previously presented) The packaging material of claim 2 wherein the reactive composition is formed in a layer exterior to the paper or paperboard layer.
4. (Original) The packaging material of claim 1 wherein the volatile organic compound arises from an ink residue.
5. (Previously presented) The packaging material of claim 1 wherein the volatile organic compound arises from a fountain solution.
6. (Previously presented) The packaging material of claim 2 wherein the paper layer comprises paper with a thickness of about 50 to 305 μm .
7. (Previously presented) The packaging material of claim 2 wherein the paperboard layer comprises paperboard with a thickness of 305 to 1015 μm .

8. (Original) The packaging material of claim 1 wherein the packaging material comprises an acrylic layer.

9-11. (Canceled)

12. (Previously presented) The packaging material of claim 3 wherein the hydrazide compound comprises an aromatic hydrazide.

13. (Original) The packaging material of claim 12 wherein the aromatic hydrazide comprises benzoic hydrazide.

14. (Currently amended) The packaging material of claim 3 wherein the reactive composition also comprises urea.

15. (Previously presented) The packaging material of claim 3 wherein the reactive composition comprises a mixture of urea and benzoic hydrazide.

16. (Previously presented) The packaging material of claim 3 wherein the reactive composition comprises an alkali metal bisulfite.

17. (Previously presented) The packaging material of claim 8 having an exterior acrylic layer with a thickness of 2 to 35 microns.

18. (Currently amended) The packaging material of claim 1 wherein the packaging [[layer]]material comprises a paper layer having a thickness of about 50 to 1200 micrometers, a printable clay layer having a thickness of about 10 to 100 micrometers, an ink layer introduced on and into the clay layer in an amount of about 0.5 to 6 grams of ink per square meter of the package material.

19. (Original) The packaging material of claim 1 wherein the volatile organic carbonyl compound comprises a C₅₋₉ aldehyde or mixture thereof.

20-32. (Canceled)

33. (Currently amended) A printed, reduced odor packaging material, having an exterior surface and an interior surface, comprising a source of a volatile organic carbonyl compound and comprising a paper substrate having a thickness of about 50 to 1200 micrometers, a layer comprising printable clay having a thickness of about 10 to 100 micrometers, the clay comprising a residue from an ink introduced on and into the clay in an amount of about 0.5 to 6 grams of ink per square meter of the package material or from a fountain solution introduced on and into the clay layer in an amount of about 25 to 4000 milligrams of solution per square meter of the package material; and a reactive composition, the composition comprising a bisulfite, a hydrazide, a hydrazine, a triazine, a triazole, an imidazoline, or a semicarbazide, capable of reacting with a volatile organic carbonyl compound arising from the residue, to substantially reduce release of the carbonyl compound from the packaging material.

34. (Original) The packaging material of claim 33 wherein the carbonyl compound is an aldehyde.

35. (Canceled)

36. (Previously presented) The packaging material of claim 33 wherein the paper substrate comprises paperboard with a thickness of 400 to 800 micrometers.

37. (Original) The packaging material of claim 33 wherein the cellulosic layer comprises paper with a thickness of 150 to 250 micrometers.

38. (Canceled)

39. (Currently amended) The packaging material of ~~claim 38~~claim 33 wherein the hydrazide compound comprises an aromatic hydrazide.

40. (Original) The packaging material of claim 39 wherein the aromatic hydrazide comprises benzoic hydrazide.

41. (Currently amended) The packaging material of claim 33 wherein the reactive composition also comprises urea.

42. (Canceled)

43. (Original) The packaging material of claim 33 wherein the reactive composition comprises an alkali metal bisulfite.

44. (Original) The packaging material of claim 33 having an exterior acrylic layer.

45. (Original) The packaging material of claim 33 wherein the volatile organic carbonyl compound comprises a C₃₋₉ aldehyde or mixtures thereof.

46-56. (Canceled)